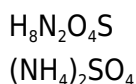


**PRODUCT CODE: 131140****Ammonium Sulfate (Reag. Ph. Eur.) for analysis, ACS, ISO**



M.= 132,14

CAS [7783-20-2]

EINECS 231-984-1

TARIC 3102 21 00 00

PHYSICAL DATA: crystalline powder, White, Soluble in water 760 g/l at 20 °C Thermal decom. above 280 °C • D 1,769 • M.P.: 280 °C • pH5 - 6 •

BIBLIOGRAPHY: Merck Index **13**, 559 Sax **ANU**750 • Römpp **8**, **192** • ACS **XI** • ISO 6353-3/1987 R - 45, 8 • USP **41** • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: BS 4500000 • LD50 oral mus 640 mg/kg • LD50 oral rat 2.840 mg/kg • LD50 ipr mus 610 mg/kg

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0%
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pH of 5% solution	5,0-6,0
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Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 100°C	0,1%
Residue on ignition (as SO ₄)	0,005 %
Chloride (Cl)	0,0005%
Phosphate (PO ₄)	0,0005 %
Nitrate (NO ₃)	0,001%
As	0,00002 %

Heavy Metals (ICP-OES)

0,0005 %

Metals by ICP [in mg/Kg (ppm)]

Ag	5
Al	5
Au	5
B	5
Be	5
Bi	5
Ca	10
Cd	5
Co	5
Cr	5
Cu	5
Fe	5
Ga	5
Ge	5
Hg	5
In	5
K	20
Mg	5
Mn	5
Mo	5
Na	20
Ni	5
Pb	5
Pt	5
Sb	5
Si	5
Sn	5
Sr	5
Ti	5
Tl	5
V	5
Zn	2
Zr	5